



NEWSLETTER of the Wisconsin Entomological Society

Volume 19, Number 3

Les Ferge, Editor

October 1992

ANNUAL MEETING TO BE HELD NOVEMBER 7 IN MADISON

The Annual Meeting of the Wisconsin Entomological Society will be held on Saturday, November 7, at Russell Labs on the University of Wisconsin-Madison campus. Russell Labs is located at the corner of Babcock and Linden Drives (see map on back page) and parking is available behind the building, in the lot entered from Observatory Drive. There will be an open house at the U. W. Insect Museum, room 346 Russell Labs, from 12:30 to 2:00 PM. This is an excellent opportunity to view the Entomology Department reference collection and become more familiar with the resources available to us. The formal part of the meeting will begin at 2:00 in room 150. Two presentations are scheduled: Sue Borkin will provide an update of her research on the Great Copper and Swamp Metalmark butterflies, and Bill Smith is tentatively scheduled to speak on Wisconsin Odonata. The annual Photo Salon will also be held. Any members having slides of entomological subjects are encouraged to participate. Each entrant may submit up to five slides. The slides will be judged by the audience, who will vote to select the winning entry. The winner's name is added to the William E. Sieker Memorial Plaque, and an 8 x 10 print of the first place slide is added to the photo display located in the Entomology Department office and is also awarded to the photographer. After the presentations, the Insect Museum will be open until 5:00.

Also on the agenda is the election of officers for 1993. The current officers are: Sue Borkin, President; Phil Pelitteri, Vice President; Carol Ferge, Secretary; and Bob Borth, Treasurer. While all are willing to serve another term, other volunteers or nominations will be welcome at the meeting.

1993 DUES NOTICE

Enclosed in this Newsletter is your dues envelope for 1993. Your prompt attention will be most appreciated. Please note that dues are to be sent directly to the Treasurer, Bob Borth, 6926 N. Belmont Lane, Fox Point, WI 53217. Please check the membership list appearing in this issue, and report any errors or address changes when you send in your dues. If you move, please let us know, as the Post Office does not always forward our mailings or give a new address on returned items. Also note the new Family Membership category, providing membership recognition to all family members. Family memberships receive a single set of publications at one address.

The Newsletter of the Wisconsin Entomological Society is published three times a year, at irregular intervals. It is provided to encourage and facilitate the exchange of information by the membership, and to keep the members informed of the activities of the organization. Members are strongly encouraged to contribute items for inclusion in the Newsletter. Please send all news items, notes, new or interesting insect records, season summaries, research requests etc. to the editor: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562.

While record high numbers of painted lady butterflies were flying north and east across the United States this spring, record low counts were being reported for monarch butterflies returning from overwintering grounds in Mexico. Dr. Lincoln Brower, from the University of Florida, and colleagues estimated mortality at 75% in some roost sites due to unusually harsh winter weather coupled with logging practices that open the forest canopy exposing the butterflies to the elements. In spring, the peak arrival period for monarchs recolonizing Wisconsin is normally between the last week of May and the first week of June. This year the monarchs arrived when expected, but the consensus from various WI observers was that their numbers were down. Data from an ongoing survey of the spring population at Newport State Park in Door County conducted by Dr. Brower, Susan Borkin, and Ray Sullivan, confirmed that numbers were lower than previous years, but not the dramatic decline anticipated from the mortality in the overwintering colonies. Ann Swengel found a similar trend in the results from the 1992 Xerces Fourth of July Butterfly Counts for the Midwest. However, observers from Eastern states report drastically reduced numbers especially compared to 1991. Preliminary results from Dick Walton, a founder of the Monarch Migration Association of North America, show 12.5 monarchs per hour observed at Cape May Point, NJ compared to 154 monarchs per hour over the same period in 1991. An hypothesis has been put forward by Dr. Orley Taylor, from the University of Kansas, to explain these differences. He suggests the possibility of a different hibernation area and remigration route for monarchs that repopulate the Midwest. He has initiated a tagging project to test his idea this fall, and hopes for some answers this winter. The bottom line is that more comparative census information from different sites within the monarch's range and over extended periods of time is needed to allow us to understand and ensure the survival of the unique monarch migration phenomenon.

For more information on the Monarch Migration Association of North America (MMANA) contact: Susan Borkin, Milwaukee Public Museum, 800 W. Wells Street, Milwaukee, WI 53233.

1992 IN REVIEW

Phil Pellitteri/UW Insect Diagnostic Lab

The first thing that comes to mind about this year was the large number of calls I received about the "flocks" of Painted Lady butterflies that migrated through in mid-May. The numbers were so high that people were calling from the middle of golf courses. Next came the calls about disappearing thistle plants and has the State found a new biological control for that weed. It was fun to see 5-10 butterflies per square yard feeding in a white clover patch. From what I have heard, all our neighboring states also had impressive numbers and up to three strong broods. It will most likely be 20 years before we see this large a population again. I was delighted to see at least an average Monarch flight after the dire predictions made when news of their overwintering problems reached us this spring.

After an "everything is three weeks early" season last year, the "summer that wasn't here" kept everything behind normal calendar dates. The way things were going, I expected a frost at least once a month. The German yellowjackets didn't become pesky until early September. We were getting

calls on Cecropia moth larvae crawling around at the end of September. The cool season in general kept insect numbers from getting out of hand. Deer ticks, European corn borers, and alfalfa weevils were some of the economic critters whose populations were down.

European earwigs had a good year, as did the Norway maple aphid (Periphyllus lyropictus). The aphids can cause premature leaf drop, and we had leaves falling off trees in mass in July in southern Wisconsin. The unusual thing this year was the small number of aphids causing the problem, as few as ten per leaf. Birch leafminers occurred in high numbers and Euonymus caterpillar continued to expand its range. I saw a large number of Sphingid larvae, with the Pandora sphinx (Eumorphia pandorus) topping the list. One of the more interesting host plant records we picked up was for the Buck moth (Hemileuca maia). Rich Henderson of the DNR found larvae devouring purple loosestrife in a Jefferson County wetland. Could this be a partial answer to our prayers?

We discovered the presence of an ant (Hypoponeura sp.) that has never been recorded from North America. It was found under a concrete slab in a Sheboygan hospital, and swarmed all winter long. This ant can sting, and presently remains extremely difficult to eliminate. This may get interesting and could be the second coming of the Pharaoh ant.

I am afraid that the bald-faced hornets' nests and the woolly bear caterpillars are predicting a severe winter. Last season they predicted a mild winter. Although it didn't start out that way, it was a warm one in the end. Over the last ten years the insects have predicted the winter with a 70% accuracy. I hope for once they are wrong.

PRAIRIE INVERTEBRATE MEETING TO BE HELD

The "Second Annual Think Tank on Prairie Invertebrates" is to take place on Tuesday, December 1 at the Riveredge Nature Center in Newburg, Wisconsin. Last year's meeting identified several important needs relating to furthering knowledge and awareness of prairie-associated invertebrates. The upcoming meeting will feature presentations on prairie insect research, as well as an opportunity to discuss invertebrate-related topics. To register or obtain additional information, please contact: Andy Larsen, Director; Riveredge Nature Center, 4458 W. Hawthorne Drive, P. O. Box 26, Newburg, WI 53060.

NEW BUTTERFLY ASSOCIATION ORGANIZED

The North American Butterfly Association (NABA) has announced its formation. NABA is concerned with field aspects of "butterflying" including field identification, listing, gardening and conservation. A journal, American Butterflies, will be published quarterly beginning in February 1993. NABA will conduct and publish, with the Xerces Society as co-sponsor, the Fourth of July Butterfly Counts, beginning with the 1993 count. Individuals joining before December 31, 1992 will become charter members. Regular dues for 1993 are \$15 (\$25 for families and institutions). To join, or for more information, contact: Dr. Jeffrey Glassberg, 39 Highland Avenue, Chappaqua, NY 10514.

LEPIDOPTERA SEASON SUMMARY CONTRIBUTIONS WANTED

1992 Wisconsin Lepidoptera records are wanted for inclusion in the season summary which is to appear in the next W. E. S. Newsletter. Things to report include rare or unusual species occurring in your area, unusually early or late occurrences, unusual abundance or scarcity, rearing or host plant data, flowers utilized by adults, or any other observations of interest. Please indicate locality, county and the date of capture or observation. Also note if voucher specimens were retained, or if records are based on photos or sightings. Specimens whose identities are uncertain may be brought to the November meeting for verification, or arrangements to view specimens or photos at another time may be made individually. Please send reports by January 5 to: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562.

NEW PUBLICATIONS

Sarapiqui Chronicle: A Naturalist in Costa Rica by Allen M. Young. Naturalist Allen Young brings vividly close the rain forests of Costa Rica, combining elements of autobiography, natural science, travel and discovery as he seeks to penetrate the maze of species interactions that animate this land. Tracking insects, he tells how science tries to map, and thus preserve, an extraordinary world. ISBN 1-56098-047-8P paperbound \$16.95 plus \$2.25 postage. Smithsonian Institution Press, Blue Ridge Summit, PA 17294-0900.

The Scarab Beetles of Nebraska by Brett C. Ratcliffe is a 333 page identification manual for the 197 species of Nebraska Scarabs, containing 337 illustrations and eight color plates. Topics covered include descriptions of the adult and larval stages, biological and ecological notes, identification tips and economic status. \$27.00 plus \$2.00 postage. Museum Publications, W436 Nebraska Hall, Univ. of Nebraska State Museum, Lincoln, NE 68588-0514.

Butterflies and Skippers of Ohio by David C. Iftner, John A. Shuey and John V. Calhoun is the most thorough and complete treatment of a regional fauna yet published, resulting from more than a decade of effort to survey the butterflies of every Ohio county. The treatment for each species carefully documents its status through time, and includes detailed distribution maps and innovative charts of the seasonal flight periods for each species. Ohio Biological Survey Bulletin New Series Volume 9, Number 1, 212 p. + 40 color plates. \$40.00 plus \$5.00 postage. Send order to address in next item.

The Owlet Moths of Ohio by Roy W. Rings, Eric H. Metzler, Fred J. Arnold and David H. Harris treats the 708 Noctuid moth species recorded from Ohio. This is a valuable reference for midwestern moths, with brief summaries of the status, history and host plants for each Ohio species. Many recent and significant taxonomic revisions have been made since the appearance of the MONA Checklist in 1983 and these have been incorporated into this publication. References to color illustrations in several generally available publications are given, and eight color plates depict selected species that have not been illustrated at all or in color previously. Identification tips for difficult species are included. Ohio Biological Survey Bulletin New Series Volume 9, Number 2, 219 p. + 8 b/w plates + 8 color plates. \$20.00 plus \$3.00 postage. Make checks payable to and mail order to: Ohio Biological Survey, Museum of Biological Diversity, 1315 Kinnear Road, Columbus, OH 43212.

WISCONSIN ENTOMOLOGICAL SOCIETY MEMBERSHIP LIST - 1992

LAST NAME	FIRST NAME	INSTITUTION	ADDRESS	CITY	ST	ZIP
ABLER	DAVID		707 E WILSON ST	BATAVIA	IL	60510-2201
ANDREWS	ELAINE L		3142 VIEW RD, R R 3	MADISON	WI	53711
APFELBECK	KEITH		BOX 105	BLUE RIVER	OR	97413
BALOGH	GEORGE		6275 LITEOLIER	FORTAGE	MI	49002
BARINA	TOM		15050 VERA CRUZ	NEW BERLIN	WI	53151
BAUM	ANNA THRELFALL		ROUTE 1	KENNAN	WI	54537
BEHNKE	CHARLES		2970 MILWAUKEE ST	MADISON	WI	53704
BENJAMIN	DANIEL		1656 CHADWELL DR	SANTA MARIA	CA	93454
BLASCZYK	MARTIN	DEPT OF ZOOLOGY	5 ILLINOIS UNIV	CARBONDALE	IL	62901
BLESER	CATHY A		1096 FERRY CENTER	MT HOREB	WI	53572
BOLLES	J CRAIG		3934 MANITOU WAY	MADISON	WI	53711
BORCHARDT	MARTHA AND MARK RICH		1026 PORTAGE ST	STEVENS POINT	WI	54481
BORKIN	SUSAN S	MILW PUBLIC MUSEUM	800 W WELLS ST	MILWAUKEE	WI	53233
BORTH	ROBERT		6926 N BELMONT LN	FOX POINT	WI	53217
BOSSERT	FREDERICK		3392 SILVER LAKE DR	WEST BEND	WI	53095
BRANDT	FREDERICK W.		11525 88TH AVE NO	MAPLE GROVE	MN	55369
BRYANT	ROBERT		522 OLD ORCHARD RD	BALTIMORE	MD	21229
BUCHLI	BYRON		6 GOODLAND AVE	DEERFIELD	WI	53531
BURKHOLDER	WENDELL	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
CAPPS	DAN		702 WHITEHALL DR	MADISON	WI	53714
CARPENTER	ANITA		304A SCOTT AVE	OSHKOSH	WI	54901
CISKE	MRS JOETTE G		W9249 HWY 18	CAMBRIDGE	WI	53523
CODELLA	SYLVIO	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
COLLINS	RAYMOND		4048 S 2ND	MILWAUKEE	WI	53207
CONRAD	MARLIN		1809 ELKA LN	MADISON	WI	53704
CONWAY	PATRICK		4533 STANELY ST	DOWNERS GROVE	IL	60515
COPPEL	HARRY	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
CRONIN	DENNIS		1525 HOWE ST	RACINE	WI	53406
DANIELS	JARET C		12606 6-1/2 MILE RD	CALEDONIA	WI	53108
DAUB	ED		4258 MANITOU WAY	MADISON	WI	53711
DERNEHL	NANCY	UNIV OF WISCONSIN	1409 HAWTHORNE DR	WAUKESHA	WI	53188-1628
DESWARTE	DAVID		8670 W SILVER SPRING RD	MILWAUKEE	WI	53225
DICKE	ROBERT		3717 COUNCIL CREST	MADISON	WI	53711
DITTL	TIMOTHY		2220 16TH ST, SO	WISCONSIN RAPIDS	WI	54494
DRECKTRAH	GENE	DEPT OF BIOLOGY	UNIV OF WISCONSIN	OSHKOSH	WI	54901
ESENTHER	GLENN		5102 BARTON RD	MADISON	WI	53711
EVANS	MARK		217 ISLAND DR	MADISON	WI	53705
FERGE	CAROL B		7119 HUBBARD AVE	MIDDLETON	WI	53562
FERGE	FLORENCE		7119 HUBBARD AVE	MIDDLETON	WI	53562
FERGE	LES		2302 TOWN LINE RD	WAUSAU	WI	54401
FOJUT	PATRICIA		6095 THORNAPPLE DR	GREENDALE	WI	53129
FRASER	BARBARA		10 MAPLE WOOD #5	MADISON	WI	53704
GOJMERAC	WALTER	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
GOULD	WALT		10923 SW 78TH AVE	MIAMI	FL	33156
GREENBANK	GEORGE		3555 S BRUST AVE, APT 4	MILWAUKEE	WI	53207

GRIMEK	HERRERT	UNIV. OF NOTRE DAME	1101 TENKIN AVE	MADISON	WI	53705
GRIMSTAD	PAUL		53241 CRESTVIEW DR	S BEND	IN	46635-1370
HABERMEHL, JR	ROBERT		7626 DRAKE LN	FRANKLIN	WI	53132
HAINZE	JOHN		2822 N WISCONSIN AVE	RACINE	WI	53402
HERRMANN	RICH		2845 TIMBER LN	VERONA	WI	53593
HILSENHOFF	DAVID		2045 S LAYTON BLVD	MILWAUKEE	WI	53215
HOFFMAN	WILLIAM	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
HOGE	RANDY		305 5TH ST	WAUNAKEE	WI	53597
HOWE	DAVID & SUSAN	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53706
HOYNACKI	ROBERT	DEPT NAT AND APP SCI	UNIV OF WISCONSIN	GREEN BAY	WI	54311-7001
JASS	GEORGE		W180 N8191 DESTINY DR	MENOMONEE FALLS	WI	53051
JASTER	JOAN		1171 N 44TH ST	MILWAUKEE	WI	53208
JAVOREK	VERNON		1618 N 8TH ST	SHEBOYGAN	WI	53081
JEANNE	JEFF		903 S CTH X	MOSINEE	WI	54455
JOHNSON	ROBERT L	DEPT OF ENTOMOLOGY	UNIV OF WISCONSIN	MADISON	WI	53076
KATSER	ROBBYE		2602 N 28TH ST	SUPERIOR	WI	54880
KARL	KURT		308 WOODLAND ST	CLEVELAND	WI	53015-1310
KATOVICH	TOM		3008 NE 145TH ST, #4	SEATTLE	WA	98155
KLEIN	KERRY		4310 MOHAWK DR, APT 2	MADISON	WI	53711
KRENTT	MICHAEL		1520 SILVER RD	WOOSTER	OH	44691
KNUDSON	WALDEMAR		3650 WOOD TRAIL	BELOIT	WI	53511
KUNS, JR	JIM		6713 GLEASON RD, S	EDINA	MN	55435
KORD	HUGO		719 W SUMNER ST	APPLETON	WI	54914
KOWALSKI	RANDY		1903 N WILKINSON DR	APPLETON	WI	54914
KUGLER, JR.	RICK		2916 OLIVE ST	RACINE	WI	53403
LANG	WALTER M.		525 PIPER DR	MADISON	WI	53711
LANDE	JEAN	DEVIL'S LAKE STATE PK	2222 CHAMBERLAIN ST	MADISON	WI	53705
LEARY	KENNETH J		55975 PARK RD	BARABOO	WI	53913
LESLER	ROBERT		420 HAZEL	OSHKOSH	WI	54901
LORARY	KARL	MILW PUBLIC MUSEUM	429 FRANKLIN ST	SAUK CITY	WI	53582
LINTEREUR	REFERENCE		800 W WELLS ST	MILWAUKEE	WI	53233
LINTEREUR	GREG		1428 MARY ST	MARINETTE	WI	54143
MADARTHUR	LEROY		4530 AZTEC TRAIL	MADISON	WI	53711
MARTIN	KENNETH		15900 W MONTEREY DR	NEW BERLIN	WI	53151
MATYKE	ROBERT		1310 ORANGE ST	RACINE	WI	53404
MCDONALD-ROE	CURTIS		1017 WESLEY AVE	JANESVILLE	WI	53605
MELTUS	STUART AL	DEPT OF BIOLOGY	UNIV OF WISCONSIN	LACROSSE	WI	54601
MERSENER	BOB		1519 OLD WICKORY DR	LACROSSE	WI	54601
MERRADDER	FRED		3109 CHURCHILL DR	MADISON	WI	53711
MERTING	MATT		W180 N8373 TOWNHALL RD	MENOMONEE FALLS	WI	53051
MEYER	RECHARD		39 PARKVIEW DR	APPLETON	WI	54915
MORF	JAMES		3028 NORTHBIDGE PARKWAY	ANES	IA	50010
MORF	SANDRA		10320 W GOOD HOPE RD	MILWAUKEE	WI	53224
MORF	PHILIP		2405 WALSHING WAY	MADISON	WI	53713
MORF	RICHARD	MONR. COUN. OF R-954-RCH	1550 FERRITE DR	MADISON	WI	53716
MORF	RICHARD G		2214 HARLEY DR	MADISON	WI	53711
MUELSEN	ROBERT		3415 OVERLEA DR	LAKEVIEW	WI	48917
MURPHY	GERALD R	MILW PUBLIC MUSEUM	800 W WELLS ST	MILWAUKEE	WI	53233

O'CONNOR	TIMOTHY	DEPT OF ENTOMOLOGY	W136 S6649 CONRAD CT	MUSKEGO	WI	53150
O'DONNELL	SEAN	UNIV OF WISCONSIN	UNIV OF WISCONSIN	MADISON	WI	53706
OLSEN	LEE	3981 HWY 84	3981 HWY 84	FORT WASHINGTON	WI	53074
OTTE	ROBERT	967 PAGE HOUSE, OGG EAST	967 PAGE HOUSE, OGG EAST	MADISON	WI	53706-1789
OTTO	LORRIE	9701 N LAKE DR	9701 N LAKE DR	MILWAUKEE	WI	53217
PARKINSON	JAMES C	1951 JAMES ST	1951 JAMES ST	MOSINEE	WI	54455
PAULY	WAYNE R	2913 GRANDVIEW BLVD	2913 GRANDVIEW BLVD	MADISON	WI	53713
PELLITTERI	PHIL	UNIV OF WISCONSIN	UNIV OF WISCONSIN	MADISON	WI	53706
PFUTZENREUTER	MARY ALEXIS	E2249 ROCKLEDGE RD	E2249 ROCKLEDGE RD	LUXEMBURG	WI	54217-9702
PHELPS	LAURENCE	ROUTE 1, BOX 64	ROUTE 1, BOX 64	ROCK SPRINGS	WI	53961
PLATT	MERIDITH	815 W ROCK PL	815 W ROCK PL	GLENDALE	WI	53209
PLEYTE	TOM	4459 S BURRELL ST	4459 S BURRELL ST	MILWAUKEE	WI	53207
POWERS	RANDY	PO BOX 644	PO BOX 644	MONOMONEE FALLS	WI	53052
PRESCOTT	JOHN M	369 E GORE RD	369 E GORE RD	ERIE	PA	16509
RACKE	KEN	IOWA STATE UNIVERSITY	IOWA STATE UNIVERSITY	AMES	IA	50011
RADKE	DAVID	1076 W MURRAY LN	1076 W MURRAY LN	HUBERTUS	WI	53033
RAY	JULIE	KT 3, BOX 251	KT 3, BOX 251	CHIPPERRA FALLS	WI	54729
REESE	MICHAEL	PO BOX 402	PO BOX 402	WAUTOMA	WI	54982
ROCHELLEAU	TOM	3100 BUENA VISTA	3100 BUENA VISTA	MADISON	WI	53704
ROOS	KELLY	PO BOX 52	PO BOX 52	COLGATE	WI	53017
RUDY	CARROLL	W3866 HWY H	W3866 HWY H	CHILTON	WI	53014
RUSKIN	DAVID	1020 MAPLE ST	1020 MAPLE ST	GRAFTON	WI	53024
SCHULTZ	CLARK	448 JEFFERSON ST, #204	448 JEFFERSON ST, #204	OSHKOSH	WI	54901
SCHWABE	CHARLES	33 PAOLA DR	33 PAOLA DR	EAST FALMOUTH	WI	02534
SCHWARTZ	BRAD	18400 HONEY CREEK DR	18400 HONEY CREEK DR	BROOKFIELD	WI	53005
SCRIBER	MARK	MICH STATE UNIVERSITY	MICH STATE UNIVERSITY	EAST LANSING	MI	48823
SEVERSON	LU	6517 ELMWOOD AVE	6517 ELMWOOD AVE	MIDDLETON	WI	53562
SEIERS	MACK & KATHY	ROUTE 2, BOX 416A	ROUTE 2, BOX 416A	BLACK CREEK	WI	54106
SIEKER	KATHERINE T	5114 MARATHON DR	5114 MARATHON DR	MADISON	WI	53705
SMITH	BILL	DNR -- PO BOX 7921	DNR -- PO BOX 7921	MADISON	WI	53707
STAIR	LENGRA	3325 S MONTEREY DR	3325 S MONTEREY DR	NEW BERLIN	WI	53151
SULLIVAN	RAYMOND	125 N 123RD ST	125 N 123RD ST	WAUWATOSA	WI	53226
SWENDEL	ANN B.	909 BIRCH ST	909 BIRCH ST	BARABOO	WI	53913
THIBOLDEAUX	ROBERT	2730 OAKRIDGE AVE	2730 OAKRIDGE AVE	MADISON	WI	53704
THELFALL	MARIT	5518 BARTON RD	5518 BARTON RD	MADISON	WI	53711
TOMASKO	STEVE	420 CANTWELL CT	420 CANTWELL CT	MADISON	WI	53703
TRICK	JOEL	3663 N NIDOLET DR	3663 N NIDOLET DR	GREEN BAY	WI	54313
TURNBULL	JAY	N1632 SUBARUSH RD	N1632 SUBARUSH RD	ANTIGO	WI	54409
VOGEL	THOMAS	522 WISCONSIN AVE	522 WISCONSIN AVE	KENAUKEE	WI	54216
WEISMAN	KEN	2893 HUMBLDT ROAD	2893 HUMBLDT ROAD	GREEN BAY	WI	54311
WILLIAMS	ANDREW R.	PO BOX 1646	PO BOX 1646	MADISON	WI	53701-1646
WILSMANN	LENI A	PO BOX 30028	PO BOX 30028	LANSING	MI	48909
WILSTEDING	JOHN R	1529 CLARK ST	1529 CLARK ST	ALGOMA	WI	54201
WIPPLI	MARK	MICH STATE UNIVERSITY	MICH STATE UNIVERSITY	EAST LANSING	MI	48823
WOLF	AMY	1140 DOUSMAN	1140 DOUSMAN	GREEN BAY	WI	54303
YOUNG	ALLEN M	800 W WELLS ST	800 W WELLS ST	MILWAUKEE	WI	53233
YOUNG	DAN	UNIV OF WISCONSIN	UNIV OF WISCONSIN	MADISON	WI	53706
ZEBELL	RONALD	2363 SOUTH 83RD ST	2363 SOUTH 83RD ST	WEST ALLIS	WI	53219
ZUKROW	LEON	3953 N 76TH ST	3953 N 76TH ST	MILWAUKEE	WI	53222

MIS. ENTOMOLOGICAL SOCIETY
Les Ferge, Editor
7119 Hubbard Avenue
Middleton, WI 53562

